Summary

Method for Welding Conductors

The invention concerns a method for welding electric conductors using ultrasound, whereby the conductors (32) are introduced into a compression chamber (30) that is bounded by at least two boundary elements and are welded after the compression chamber is closed, whereby ultrasound is applied via a sonotrode (16) and the conductors to be welded are pressurized, preferably via a counter electrode. In order to be able to check the quality of the welding site using simple measures, it is proposed that after welding (32) the conductors, the compression chamber (30) is decompressed and then an ultrasound pulse is applied to the welded conductors with simultaneous application of pressure to these, and subsequently the spacing difference between the sonotrode (16) and the counter electrode (18) is measured.

Fig. 2